

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claim 1 and ADD claim 7 in accordance with the following:

1. (Currently Amended) A bottom removal-type paper supply apparatus, comprising:
 - a paper support base on which paper is stacked located at a bottom part of the bottom removal-type paper supply apparatus;
 - force applying means for applying a pressure on the paper stacked on the paper support base;
 - a first pickup roller provided at an end portion of the paper stacked on the paper support base, on a side toward a body of the bottom removal-type paper supply apparatus, and which picks a paper sheet from the paper stacked on the paper support base from the bottom and transports the paper sheet into the bottom removal-type paper supply apparatus;
 - a second pickup roller provided at a central portion of the paper stacked on the paper support base, and selectively assisting the first pickup roller to transport the paper sheet into the bottom removal-type paper supply apparatus; and
 - a shutter switchable between an open state in which the paper is in contact with the second pickup roller, and a closed state in which the shutter prevents the contact between the paper and the second pickup roller, the shutter being provided on the second pickup roller, wherein

the shutter is switched in the open state to use a paper transport force of the second pickup roller at the same time in addition a paper transport force of the first pickup roller only when more than a prescribed weight or a prescribed number of sheets of paper are stacked on the paper support base, and the shutter is switched in the closed state otherwise, to use only the paper transport force of the first pickup roller.

2. (Previously Presented) A bottom removal-type paper supply apparatus as set forth in claim 1, wherein the pressure applied to the paper by the force applying means is adjustable.

3. (Previously Presented) A bottom removal-type paper supply apparatus as set forth in claim 1, wherein the shutter is switched between the open state and the closed state based on sensing the weight of the paper stacked on the paper support base, and the shutter is controlled to be in the open state when the weight of the paper is larger than the prescribed weight, and to be in the closed state when the weight of the paper is less than or equal to the prescribed weight.

4. (Previously Presented) A bottom removal-type paper supply apparatus as set forth in claim 1, wherein the shutter is switched between the open state and the closed state based on sensing a pickup miss by the first pickup roller, and the shutter is controlled to be in the open state when a pickup miss has occurred because more than the prescribed number of sheets of paper are stacked on the paper support base, and to be in the closed state when the sheet of paper has been transported through the apparatus.

5. (Previously Presented) A paper supplying device supplying one sheet of paper at a time in an image processing apparatus, comprising:

a first pickup roller, located at an end portion of a paper stack, to pick a paper sheet from the paper stack, and to transport the paper sheet into the paper supply apparatus;

a second pickup roller, located at a central portion of the paper stack, and assisting the first pickup roller to transport the sheet of paper into the paper supply apparatus when the second pickup roller is in contact to the paper; and

a shutter switchable between an open state in which the second pickup roller is in contact with the paper, and a closed state in which the shutter prevents the contact between the second pickup roller and the paper, so that only the first pickup roller transports the paper sheet through the paper supply apparatus, wherein

the shutter is switched in the open state when the paper stack weights more than a prescribed weight or has more than a prescribed number of sheets of paper.

6. (New) The bottom removal-type paper supply apparatus as set forth in claim 1, wherein

the shutter and the second pick-up roller have a common axis, and the shutter has at least one first portion which extends to a larger distance from the axis than the pickup roller and at least one second portion which extends to a smaller distance from the axis than the pickup roller, and

the at least one second portion is in contact with the paper stacked on the paper support base when the shutter is closed .